

Maintaining PREEMPT_RT: now and then

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Current workflow

Handling patches

- A quilt queue. Using git newer worked.
- Rebase queue to new version
- Add new patches based on reports
- Import into git

Current workflow submitting

- Fixes folded into original patch
- Test again, original issue may not apply
- Sometimes rework (completely or a little)
 - Softirq handling
 - local_lock
- Submitted to the upstream tree

Future workflow

- Changes must happen upstream
- Breaking RT could be avoided by testing
- Hopefully the warning is not just avoided
- Hopefully nobody assumes anything
- The whole picture is important
 - 81e2073c175b8 ("genirq: Disable interrupts for force threaded handlers")

Questions / Comments

Thank you for your attention.

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